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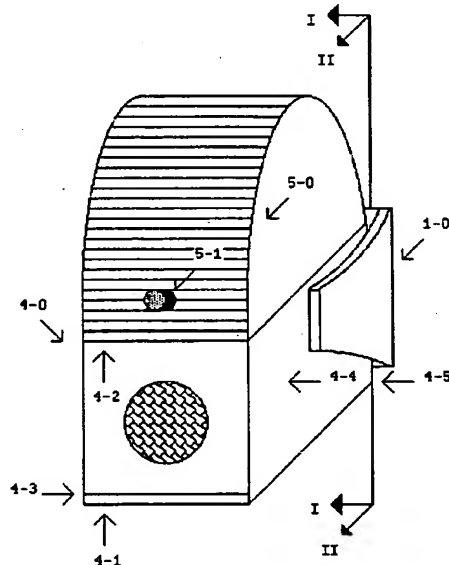
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(54) DISTRIBUTEUR DE PAPIER DE TOILETTE A DEUX ROULEAUX
(54) DUAL TOILET PAPER DISPENSING DEVICE

(57)

A toilet paper dispensing device comprises a body having two vertically stacked chambers and a generally quarter-cylindrical door which retractably opens in order to expose the content of the top chamber. The bottom chamber of the body has the capability of receiving a box of precut interfolded dry tissue paper sheets, and the top chamber of the body has the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture. The toilet paper dispensing device mounts on a conventional wall-mounted toilet paper roll holder.

Alternatively, the toilet paper dispensing device may be screwed or glued directly to a wall. The generally quarter-cylindrical door may be slidably or hingedly mounted on the body in order to be opened and closed. This invention relates to toilet paper dispensing devices, and the principal use of the invention is for dispensing dry and moistened tissue paper.





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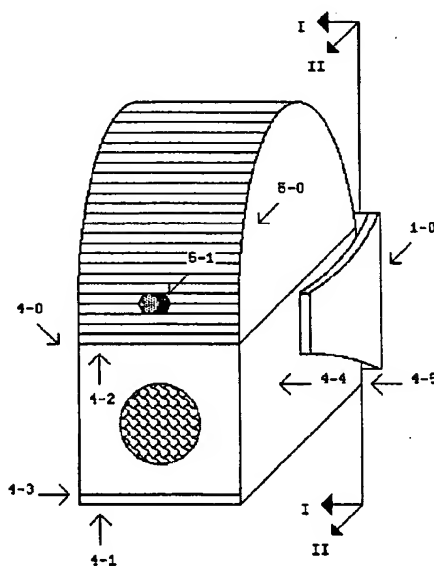
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(57) Abrégé/Abstract

A toilet paper dispensing device comprises a body having two vertically stacked chambers and a generally quarter-cylindrical door which retractably opens in order to expose the content of the top chamber. The bottom chamber of the body has the capability of receiving a box of precut interfolded dry tissue paper sheets, and the top chamber of the body has the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture. The toilet paper dispensing device mounts on a conventional wall-mounted toilet paper roll holder. Alternatively, the toilet paper dispensing device may be screwed or glued directly to a wall. The generally quarter-cylindrical door may be slidably or hingedly mounted on the body in order to be opened and closed. This invention relates to toilet paper dispensing devices, and the principal use of the invention is for dispensing dry and moistened tissue paper.

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Abstract

- A toilet paper dispensing device comprises a body having two vertically stacked chambers and a generally quarter-cylindrical door which retractably opens in order to expose the content of the top chamber. The bottom chamber of the body has the capability of receiving a box of precut interfolded dry tissue paper sheets, and the top chamber of the body has the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture. The toilet paper dispensing device mounts on a conventional wall-mounted toilet paper roll holder. Alternatively, the toilet paper dispensing device may be screwed or glued directly to a wall. The generally quarter-cylindrical door may be slidably or hingedly mounted on the body in order to be opened and closed. This invention relates to toilet paper dispensing devices, and the principal use of the invention is for dispensing dry and moistened tissue paper.
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Description

Title

- **Dual Toilet Paper Dispensing Device**

Technical Field

- This invention relates to toilet paper dispensing devices, more particularly to a toilet paper dispensing device for precut interfolded dry tissue paper sheets and moistened tissue paper sheets.

Background Art

- There are many instances where it would be desirable to be able to have a toilet paper dispensing device for both precut interfolded dry tissue paper sheets and moistened tissue paper sheets.
- A large number of utility and design patents disclose toilet paper dispensing devices.
- **Canadian Patent 224 222** discloses "TOILET PAPER HOLDER", **Canadian Patent 231 028** discloses "TOILET PAPER HOLDER", and **Canadian Patent 245 169** discloses "TOILET PAPER DISPENSER". These prior arts dispense precut dry tissue paper sheets.
- **Canadian Patent 1 023 707** discloses "ACCESS APERTURE AND DISPENSER FOR INTERFOLDED TOILET TISSUES". This prior art dispenses precut interfolded dry tissue paper sheets.
- **U.S. Patent 5 439 521** discloses "Dispenser for storing and dispensing moistened toilet tissue", and **U.S. Patent 5 697 577** discloses "Premoistened toilet paper dispenser". These prior arts dispense moistened tissue paper roll, and they mount on a conventional wall-mounted toilet paper roll holder.
- **U.S. Patent 5 311 986** discloses "Premoistened wipe dispenser for conventional toilet-tissue roll holders", and **U.S. Patent 5 618 008** discloses "Apparatus for dispensing multiple productions from a single tissue roll holder". These prior arts dispense dry tissue paper roll and moistened tissue paper sheets, and they mount on a conventional wall-mounted toilet paper roll holder.
- **U.S. Design Patent 377 284** discloses "Combined toilet paper and moist towelette dispenser". This prior art dispenses dry tissue paper roll and moistened tissue paper sheets.
- These prior art arrangements do not dispense precut interfolded dry tissue paper sheets and moistened tissue paper sheets, and permanently mount on a conventional wall-mounted toilet paper roll holder.

Description of the Invention

- It is a primary object of the invention to provide a toilet paper dispensing device that dispenses both precut interfolded dry tissue paper sheets and moistened tissue paper sheets.
 - It is another object of the invention to provide a toilet paper dispensing device that permanently mounts on a conventional wall-mounted toilet paper roll holder.
-

- A toilet paper dispensing device comprises a body having two vertically stacked chambers and a generally quarter-cylindrical door which retractably opens in order to expose the content of the top chamber. The bottom chamber of the body has the capability of receiving a box of precut interfolded dry tissue paper sheets, and the top chamber of the body has the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture. The toilet paper dispensing device mounts on a conventional wall-mounted toilet paper roll holder. Alternatively, the toilet paper dispensing device may be screwed or glued directly to a wall. The generally quarter-cylindrical door may be slidably or hinged mounted on the body in order to be opened and closed.

Brief Description of the Figures in the Drawings

- In drawings which illustrate embodiments of the invention:
- **Figure 1** marked "Prior Art" is a perspective view of a conventional toilet paper dispensing device;
- **Figure 2** is a perspective view of one embodiment of a toilet paper dispensing device according to the invention;
- **Figure 3** is a sectional view of the invention along line I-I of **Figure 2**;
- **Figure 4** is a sectional view of the invention along line II-II of **Figure 2**; and
- **Figure 5** is a sectional view of another embodiment of the invention.

Modes for Carrying Out the Invention

- In one conventional toilet paper dispensing device shown in **Figure 1** marked "Prior Art", a dry tissue paper roll 3-0 is mounted on a spindle 2-0 which is mounted on a conventional wall-mounted toilet paper roll holder 1-0.
 - This prior-art arrangement often leads to a messy situation, especially by children.
 - In one embodiment of the invention shown in **Figure 2**, a toilet paper dispensing device comprises a body 4-0 having two vertically stacked chambers, and a generally quarter-cylindrical door 5-0 which retractably opens in order to expose the content of the top chamber. The body 4-0 is defined by a rectangular bottom wall 4-1, a rectangular middle wall 4-2, a rectangular front wall 4-3, a pair of opposed side walls 4-4, and a back wall 4-5. The side walls 4-4 extend upwardly from the rectangular bottom wall 4-1. Each side wall 4-4 is rectangular below the middle wall 4-2, and is generally semi-circular above the middle wall 4-2. The rectangular front wall 4-3 extends upwardly from the rectangular bottom wall 4-1. The back wall 4-5 extends upwardly from the rectangular bottom wall 4-1. The back wall 4-5 is rectangular below the middle wall 4-2, and is generally quarter-cylindrical above the middle wall 4-2.
 - The bottom chamber of the body 4-0 has the capability of receiving a box of precut interfolded dry tissue paper sheets, and the top chamber of the body 4-0 has the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture.
 - **Figure 3** shows a sectional view of the invention along line I-I of **Figure 2**. **Figure 4** shows a sectional view of the invention along line II-II of **Figure 2**.
 - **Figure 5** shows a sectional view of another embodiment of the invention along
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line II-II of Figure 2.

- Each side wall 4-4 of the body 4-0 may comprise a cylindrical rod 4-6 securely attached to the side wall 4-4 for deformably mounting on a conventional wall-mounted toilet paper roll holder 1-0, as shown in Figure 3 and Figure 4. Each side wall 4-4 of the body 4-0 may comprise a diagonal slot 4-7 in order to receive a conventional spindle for penetrably mounting on a conventional wall-mounted toilet paper roll holder 1-0, as shown in Figure 5.
 - The back wall 4-5 of the body 4-0 may further comprise a foam pad 4-8 in order to stably position the toilet paper dispensing device to a wall in a self-adjusting fashion, as shown in Figure 4 and Figure 5.
 - Alternatively, the back wall 4-5 of the body 4-0 may comprise a plurality of holes in order to screw the toilet paper dispensing device directly to a wall. The back wall 4-5 of the body 4-0 may comprise at least one adhesive in order to glue the toilet paper dispensing device directly to a wall.
 - The generally quarter-cylindrical door 5-0 may be slidably mounted on the body 4-0 in order to be opened and closed, as shown in Figure 4. The generally quarter-cylindrical door 5-0 may be hingedly mounted on the body 4-0 in order to be opened and closed, as shown in Figure 5. The generally quarter-cylindrical door 5-0 may further comprise a button 5-1 or a notch in order to facilitate opening and closing.
 - The generally quarter-cylindrical door 5-0 may further comprise a spring securely attached to the body 4-0 in order to continually bias the generally quarter-cylindrical door 5-0 to cover the opening in a self-closing fashion.
-

Claims

- The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A toilet paper dispensing device, comprising in combination:

○ a body having two vertically stacked chambers defined by:

- a rectangular bottom wall;
- a rectangular middle wall;
- a rectangular front wall extending upwardly from the rectangular bottom wall;
- a pair of opposed side walls extending upwardly from the rectangular bottom wall, each side wall being rectangular below the middle wall and generally semi-circular above the middle wall; and
- a back wall extending upwardly from the rectangular bottom wall, the back wall being rectangular below the middle wall and generally quarter-cylindrical above the middle wall; and

○ a generally quarter-cylindrical door which retractably opens in order to expose the content of the top chamber;

the bottom chamber of the body having the capability of receiving a box of precut interfolded dry tissue paper sheets, the top chamber of the body having the capability of receiving a pile of precut moistened tissue paper sheets and substantially preventing evaporation of the moisture.

2. A toilet paper dispensing device as defined in claim 1, in which each side wall of the body further comprises a cylindrical rod securely attached to the side wall for deformably mounting on a conventional wall-mounted toilet paper roll holder.
 3. A toilet paper dispensing device as defined in claim 1, in which each side wall of the body further comprises a diagonal slot in order to receive a conventional spindle for penetrably mounting on a conventional wall-mounted toilet paper roll holder.
 4. A toilet paper dispensing device as defined in claim 2 or claim 3, in which the back wall of the body further comprises a foam pad in order to stably position the toilet paper dispensing device to a wall.
 5. A toilet paper dispensing device as defined in claim 1, in which the back wall of the body further comprises a plurality of holes in order to screw the toilet paper dispensing device directly to a wall.
 6. A toilet paper dispensing device as defined in claim 1, in which the back wall of the body further comprises at least one adhesive in order to glue the toilet paper dispensing device directly to a wall.
 7. A toilet paper dispensing device as defined in claim 1, in which the generally quarter-cylindrical door is slidably mounted on the body in order to be opened and closed.
 8. A toilet paper dispensing device as defined in claim 1, in which the generally quarter-cylindrical door is hingedly mounted on the body in order
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to be opened and closed.

9. A toilet paper dispensing device as defined in claim 1, in which the generally quarter-cylindrical door further comprises a spring securely attached to the body in order to continually bias the generally quarter-cylindrical door to cover the opening.
-

Figure 1 (Prior Art)

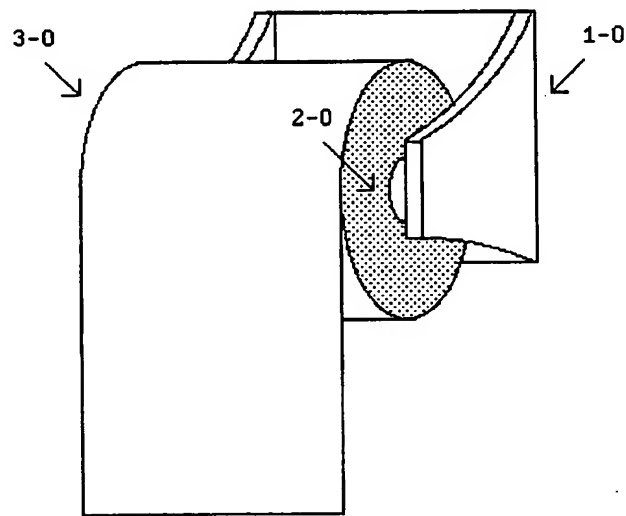


Figure 2

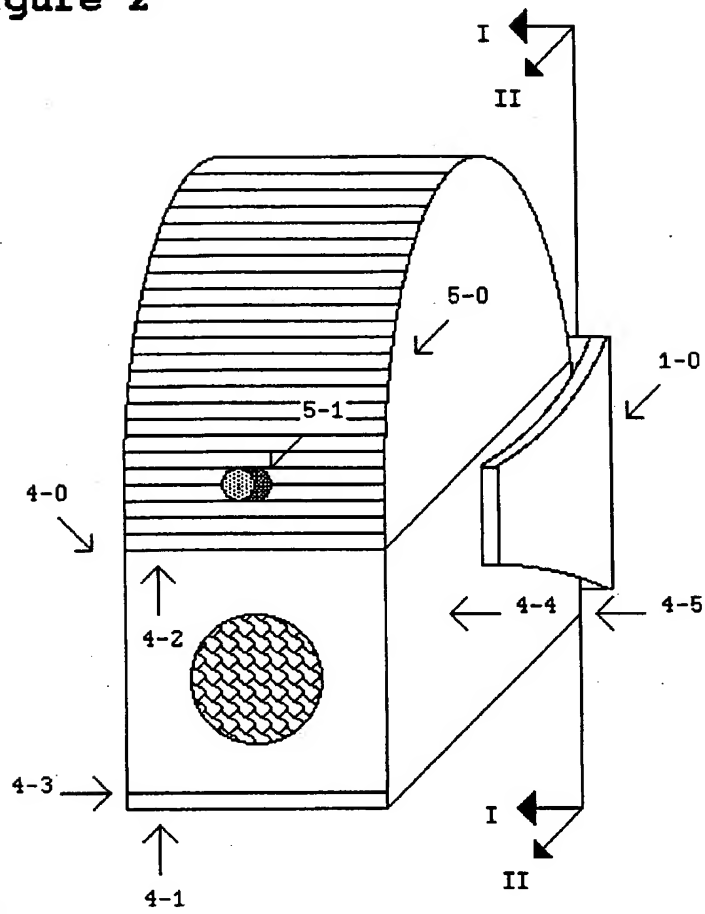


Figure 3

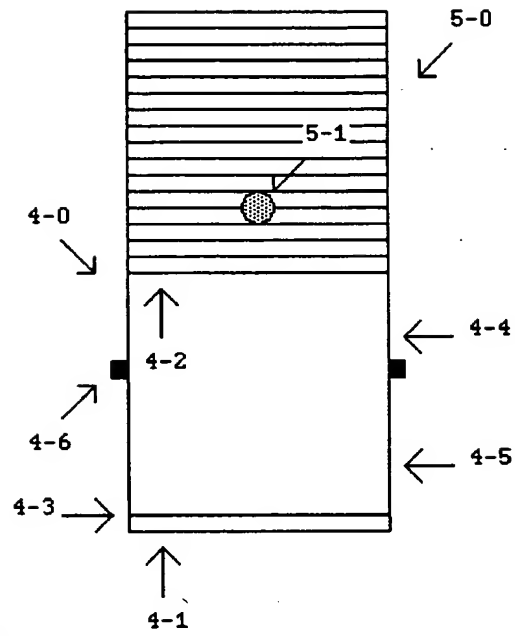


Figure 4

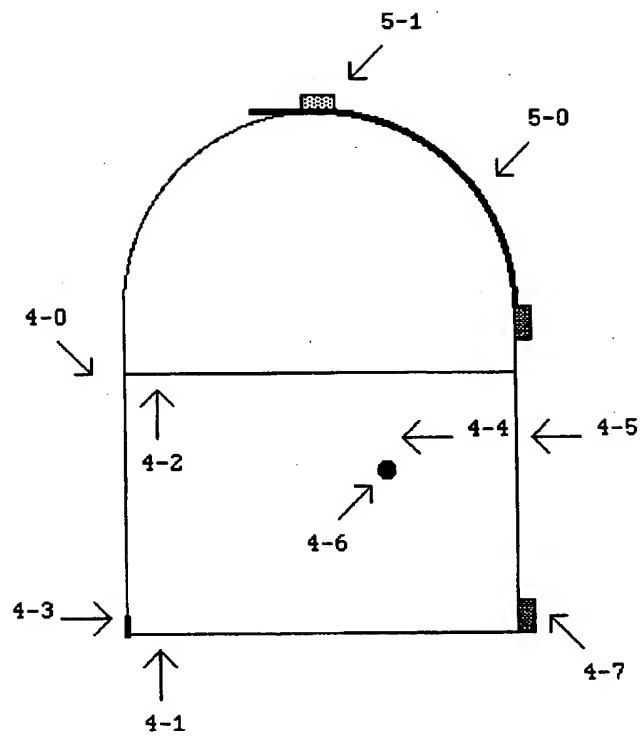
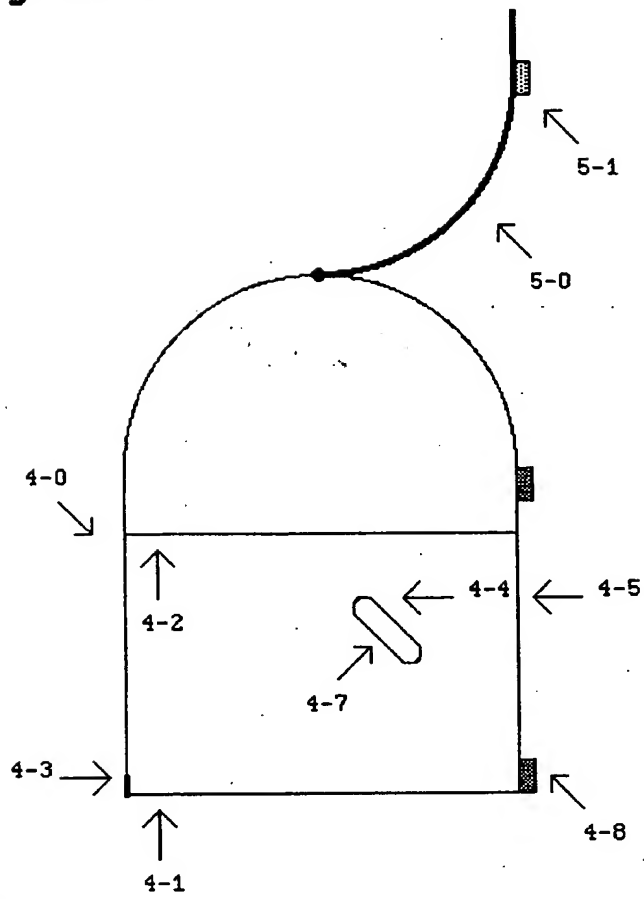


Figure 5



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